

## All COR ISO Recommendations

### Latent Condition, Seismic and ISS

Friday, October 12, 2012 11:37:52 AM

Type	Rec #	ABU	Unit	Year (I/R)	LC or ISS Question #	LC Question ISS Question Seismic Area	Observation	Recommendation	Resolution	Duc Date	Assigned To	Status
Latent Condition	492	D&R	#5 H2S	2007	2-11	Are procedures difficult to use?	Operators must first log on to the computer to access the EOM and then locate the desired procedure. This slows down access to the emergency procedures. Most operators have the immediate action steps committed to memory. Paper copies of the emergency procedures are not routinely kept up to date and available in the control room	Concern is that the immediate access to emergency procedures is a little slow. It would help if paper copies of the emergency procedures were kept in a specific location in the control room and the copies were kept up to date.	Printed current/up to date DHT, 5H2S and 4Crude Emergency Procedures, placed them in 3 separate binders marked according to plant on front and spine of binder. Placed these 3 Emergency Procedure binders in a conspicuous place in control room as directed by East Side HO Dave Gazard. When any of these Emergency Procedures are updated the technical editor will replace appropriate copies in control room Emergency Procedure Binders.	2/28/2008	Nelson, William	Completed
Latent Condition	494	D&R	#5 H2S	2007	4-1	Are the communications facilities between process units adequate for clear and uninterrupted communications during both normal and emergency situations [e.g., telephone land lines, radio, computer network, and E-mail, and are systems redundant and/or secu	There are not very many extra radios available and some variability in radio/handset performance and battery condition that can affect communication ability during both normal and emergency situations. Some system modifications were made in 12/2006 to improve system performance during a refinery-wide emergency.	Review the number of radios and spare batteries available, Motorola repair turnaround time, battery conditioner and charging devices procedures and training on proper use of conditioner/charger and address as appropriate when the situation is better defined	Reviewed number of radios located lost radios. New battery chargers onsite, new batteries onsite, new radios ordered 1st qtr of 2009	8/30/2008	Wilkerson, Robert M.	Completed
Latent Condition	495	D&R	#5 H2S	2007	4-2	Is communications equipment adequate for the number of persons or stations who must communicate with each other?	There are not very many extra radios available and some variability in performance that can affect communication during emergency situations.	Review the number of radios and spare batteries available, Motorola repair turnaround time, battery conditioner and charging devices procedures and training on proper use of conditioner/charger and address as appropriate when the situation is better defined	This A/C is covered under RISO 494. The corrective action will be worked under that latent condition reco.	3/16/2010	Curry, David P.	Completed
Seismic	448	D&R	#5 H2S	2007		T-3146	Corrosion on anchor bolts	Repaint anchor bolts	Passport # 28123386 to clean and preserve anchor bolts on T-3146 10/10/07 prepared by Gordy Schultz, D&R East, OMC @ 2-2626	2/28/2008	Schultz, Gordon L.	Completed